CONTENTS

Vol. 67, No. 1, December 25, 1957

PAGE

Kato, M. Conditioned Cardiac Acceleration Accompanying Conditioned Food Reflex 1

Masamune, H., Tsuiki, S., Kamiyama, S., Abe, S., Haga, M., Kawasaki, H., Kaketa, H. and **Abe, Sh.** A "Toxohormone" from Cancerous Ascitic Fluid—Preliminary Note 10

Ishikawa, Y., Miura, K., Kimura, H. and **Mizutani, K.** The Studies on the Kidney Homotransplantation. I. The Elucidation of the Systemic Toxic Syndrome Developed in the Recipient 11

Ishikawa, Y., Miura, K., Kimura, H. and **Mizutani, K.** The Studies on the Kidney Homotransplantation. II. The Resembling Histological Changes between Homotransplanted Kindney and Vital Organs in the Homologous Cross-Circulated Animals 19

Motokawa, K. and **Komatsu, M.** Reflection of Spreading Induction in the Human Retina 29

Masamune, H., Kaketa, H. and **Abe, S.** A KIK Factor from Cancerous Urine and the Corresponding Fraction of Normal Urine Act as Nakahara Toxohormones—Preliminary Note 42

Haga, M. Biochemical Studies on Carbohydrates. CCVII. Dialyzable KIK Factor in Cancerous Ascitic Fluid 43

Watanabe, K. Study on Experimental Anthracosis 55

Goto, Y. and **Ito, I.** Effect of Adrenaline on Blood ATP Level in Diabetic Patients 65

Yamaguchi, I. and **Oh-Uti, K.** Toxic Substances in Cancer. I. Effects on the Ciliary Movement of the Oyster Gill 73

Oh-Uti, K., Hasegawa, G., Yamaguchi, I. and **Abe, H.** Toxic Substances in Cancer. II. Effect on the Movement of Paramecium of the Extract of Gastric Carcinoma Tissue (1st Report) 87

Oh-Uti, K., Abe, H. and **Yamaguchi, I.** Toxic Substances in Cancer. III. Effect on the Movement of Paramecium of the Gastric Juice of Gastric Carcinoma Patients 91

Oh-Uti, K., Sato, J., Abe, H. and **Yamaguchi, I.** Toxic Substances in Cancer. IV. On a Factor in Gastric Carcinoma Tissue Inhibiting the Catalase Activity of the Mouse Liver 97

Vol. 67, Nos. 2–3, February 25, 1958

Nakamura, T., Nakamura, S., Sugawara, K., Katakura, Y., Isono, T., Suzuki, T., Kaneko, T. and **Takizawa, T.** Studies on Cirrhosis of the Liver. III. Liver Biopsy and Liver Function Tests in Alcoholics 105

PAGE

Arakawa, T., Oota, M. and **Sato, Y.** The Erythrocytes Sensitized with Tuberculin-Polysaccharide in the Circulating Blood:—Its Diagnostic Application for Early Stage of Tuberculosis in Children 114

Oh-Uti, K., Suzuki, K. and **Yamaguchi, I.** Toxic Substances in Cancer. V. Anemia-inducing Substances in the Tissue of Gastric Carcinoma 115

Arakawa, T., Oota, M. and **Sato, Y.** Occurrence of the Erythrocytes Sensitized with Tuberculin-Polysaccharide in the Circulating Blood of the Rabbits with Tuberculous Infection 122

Oh-Uti, K. and **Awataguchi, J.** Free Amino Acids in Gastric Juice of Patients with Gastric or Duodenal Ulcer and Gastric Carcinoma with Special Referenc to the Change after Operation 123

Oh-Uti, K., Kobayashi, K., Maki, K., Ogata, O. and **Yamaguchi, I.** Precipitin Reaction of Gastric Juice of Patients with Gastric Cancer 131

Masamune, H., Kawasaki, H. and **Abe, S.** A, B and O Group Mucopolysaccharides from Human Stomach Mucosae Are "Toxohormone" Active—Preliminary Note... 140

Sinohara, H. Biochemical Studies on Carbohydrates. CCVIII. Oligosaccharides Separated after Acetolysis of the Group Mucopolysaccharide from Pig Gastric Mucus. Third Report: "Gastro-N-disaccharide" 141

Tanaka, I., Akimoto, H. and **Matsumoto, H.** Pressor Action of Noradrenaline in Young Dogs... 148

Motokawa, K. and **Komatsu, M.** Propagation Velocity and Total Reflection of Spreading Induction in the Light-Adapted Human Retina 149

Oh-Uti, K., Maki, K., Ito, J., Aneha, Y. and **Koyama, T.** Liver Catalase Activity of Patients with Gastric Cancer 159

Yaegashi, S. The Site of Electrical Excitation of the Human Eyes by the Sinusoidal Alternating Currents at Frequency of 20 CPS 163

Hamada, S. A Study of a New Antitumor Substance, Cellostatin. I. On the Isolation and Some Properties of Cellostatin 173

Hamada, S. and **Sato, S.** A Study of a New Antitumor Substance, Cellostatin. II. On Antitumor Effects of Cellostatin 181

Onodera, T. On the Interrelation of the Specific Gravity of the Spinal Fluid with Its Contents of Electrolytes and Total Protein 187

Masamune, H. and **Tsuiki, S.** Biochemical Studies on Carbohydrates. CCIX. Analysis of Mutarotation of N-Glycosides. Third Paper: Acetylation of Aniline-N-α- and -β-lactoside 195

Masamune, H. and **Tsuiki, S.** Biochemical Studies on Carbohydrates. CCX. A Systematic Fractionation of Pig Gastric Mucosa with Respect to Molisch-positive Hexosamine-containing Components 199

PAGE

Hamada, H. Retinal Induction in the Light-Adapted Human Eye ... 209

Yamamoto, H. From Color Induction to Brightness Induction 219

Ganslen, R. V. and **Sterling, L.** An Accurate-Simplified Haldane Gas Analyzer... 227

Watanabe, K. On the Achromatic Zone around the Spot of Mariotte ... 235

Miura, K. The Influence of Retinal Adaptation on the Electric Flicker Values 245

Saito, A. and **Ono, T.** Studies on Leucocytosis and Leucopenia in Infectious Diseases. Report I: The Hematopoiesis of the Bone Marrow in Leucocytosis 253

Saito, A. and **Shimoyama, K.** Studies on Leucocytosis and Leucopenia in Infectious Diseases. Report II: The Hematopoiesis of the Bone Marrow in Leucopenia 265

Teshima, H. Electromyographic Study of Patterns of Activity of the Abdominal Wall Muscles in Man 281

Suzuki, T., Tanaka, I., Ninagawa, C., Nakamura, T. and **Fujisaki, S.** Descending Spinal Pathway Subserving the Adrenaline Secretion of the Adrenal in Dogs 293

Komatsu, M. Development and Dissipation of Brightness Induction in the Human Retina 299

Vol. 67, No. 4, April 25, 1958

Masamune, H., Tsuiki, S., Kamiyama, S., Abe, S., Haga, M., Kawasaki, H., Kaketa, H. and **Abe, Sh.** Chemical Nature of Toxohormone (Nakahara). First Report. A Globulin-like "Toxohormone" from Cancerous Ascitic Fluid (A.P. I.). 309

Kaketa, H. Biochemical Studies on Carbohydrates. CCXI. A KIK Factor (V) from Cancerous Urine and the Corresponding Substance from Normal Urine. 319

Masamune, H., Kaketa, H. and **Abe, S.** Chemical Nature of Toxohormone (Nakahara). Second Report. The KIK Factor (V) from Cancerous Urine and the Corresponding Component of Normal Urine Act as "Toxohormones". 329

Masamune, H., Hakomori, S., Kaketa, H. and **Abe, S.** "Toxohormones" without KIK-potency from Urines, Cancerous and Normal—Preliminary Note. 334

Selye, H. "Infarctoid Cardiopathy" Elicited by Temporary Obstruction of the Pylorus in Humorally Conditioned Animals. 335

Saito, A. and **Miyamoto, T.** Studies on Leucocytosis and Leucopenia in Infectious Diseases. Report III. On the Mitosis of Nucleated Cells in the Bone Marrows of Leucocytosis and Leucopenia. 341

PAGE

Sato, S., Kakizaki, S., Mizutani, K., Miura, K. and **Ishikawa, Y.** A Few Improvements on the Technique of Skin Transplantation in Mice. 359

Nakamura, T., Nakamura, S., Kawamura, E., Kaneko, T., Sugawara, K., Katakura, Y., Isono, T. and **Suzuki, T.** Studies on Cirrhosis of the Liver. IV. The Relations between the Mortality from Liver Cirrhosis and the Mortality from Alcoholism, and between the Mortality from Liver Cirrhosis and Alcoholic Consumption. 365

Kawamura, K. Production and Purification of Receptor Destroying Enzyme (RDE). (Studies on several inhibitors against influenza viruses, 1st Report). 372

Nakamura, T., Nakamura, S. and **Kawamura, E.** Studies on Influence of Protein on the Liver Injury due to Chloroform and Carbon Tetrachloride. 373

Watanabe, K. Studies of Color Blindness around the Spot of Mariotte by Electrical Stimulation. 381

Shimizu, N. and **Ishida, N.** The Characteristics of Both Hemagglutinin Inhibitors and Growth Inhibitory Substances of Influenza Viruses Found in Animal Specimens. (Studies on several inhibitors against influenza viruses, 3rd Report).... 390

Konno, J. β-Inhibitor, Its Blological and Physicochemical Properties with Particular Emphasis on the Differences from α-Inhibitor, Immune Serum and Properdin. (Studies on several inhibitors against influenza viruses. 2nd Report.) 391

Kawamura, K. Optimum Conditions for the Action of Receptor Destroying Enzyme on Red Cells and Ovomucin. (Studies on several inhibitors against influenza viruses, 4th Report). 406